

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/594, 262  
Source: JFWP  
Date Processed by STIC: 10/10/2006

***ENTERED***



IFWP

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/594,262**

**DATE: 10/10/2006**  
**TIME: 14:51:56**

**Input Set : A:\PTO.KD.txt**  
**Output Set: N:\CRF4\10102006\J594262.raw**

3 <110> APPLICANT: Friedrich-Alexander-Universität Erlangen-Nürnberg  
 5 <120> TITLE OF INVENTION: Peptide-based method for monitoring gene expression in a  
 host  
 6       cell  
 8 <130> FILE REFERENCE: H1776 PCT  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/594,262  
 C--> 10 <141> CURRENT FILING DATE: 2006-09-25  
 10 <150> PRIOR APPLICATION NUMBER: EP 04 00 7278.7  
 11 <151> PRIOR FILING DATE: 2004-03-26  
 13 <150> PRIOR APPLICATION NUMBER: US 60/570,497  
 14 <151> PRIOR FILING DATE: 2004-05-13  
 16 <160> NUMBER OF SEQ ID NOS: 17  
 18 <170> SOFTWARE: PatentIn version 3.3  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 17  
 22 <212> TYPE: PRT  
 23 <213> ORGANISM: Artificial  
 25 <220> FEATURE:  
 26 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
 27       affinity to the Tet repressor"  
 29 <400> SEQUENCE: 1  
 31 Met Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Gly  
 32 1               5                   10                   15  
 35 Ser  
 39 <210> SEQ ID NO: 2  
 40 <211> LENGTH: 16  
 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Artificial  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
 46       affinity to the Tet repressor"  
 48 <400> SEQUENCE: 2  
 50 Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Ser  
 51 1               5                   10                   15  
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 55 <211> LENGTH: 12  
 56 <212> TYPE: PRT  
 57 <213> ORGANISM: Artificial  
 59 <220> FEATURE:  
 60 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
 61       affinity to the Tet repressor"  
 63 <400> SEQUENCE: 3  
 65 Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
 66 1               5                   10

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69 <210> SEQ ID NO: 4  
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71 <212> TYPE: PRT  
72 <213> ORGANISM: Artificial  
74 <220> FEATURE:  
75 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
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78 <400> SEQUENCE: 4  
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81 1 5 10 15  
84 Gly Gly Gly Ser  
85 20  
88 <210> SEQ ID NO: 5  
89 <211> LENGTH: 20  
90 <212> TYPE: PRT  
91 <213> ORGANISM: Artificial  
93 <220> FEATURE:  
94 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
95 affinity to the Tet repressor"  
97 <400> SEQUENCE: 5  
99 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Ala Ser  
100 1 5 10 15  
103 Gly Gly Gly Ser  
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107 <210> SEQ ID NO: 6  
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109 <212> TYPE: PRT  
110 <213> ORGANISM: Artificial  
112 <220> FEATURE:  
113 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
114 affinity to the Tet repressor"  
116 <400> SEQUENCE: 6  
118 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ala  
119 1 5 10 15  
122 Gly Gly Gly Ser  
123 20  
126 <210> SEQ ID NO: 7  
127 <211> LENGTH: 20  
128 <212> TYPE: PRT  
129 <213> ORGANISM: Artificial  
131 <220> FEATURE:  
132 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
133 affinity to the Tet repressor"  
135 <400> SEQUENCE: 7  
137 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
138 1 5 10 15  
141 Gly Arg Gly Ser  
142 20  
145 <210> SEQ ID NO: 8

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146 <211> LENGTH: 20  
147 <212> TYPE: PRT  
148 <213> ORGANISM: Artificial  
150 <220> FEATURE:  
151 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
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154 <400> SEQUENCE: 8  
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160 Asp Gly Gly Leu  
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166 <212> TYPE: PRT  
167 <213> ORGANISM: Artificial  
169 <220> FEATURE:  
170 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
171 affinity to the Tet repressor"  
173 <400> SEQUENCE: 9  
175 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
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179 Gly Glu Gly Ser  
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185 <212> TYPE: PRT  
186 <213> ORGANISM: Artificial  
188 <220> FEATURE:  
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194 Ser Gly Gly Ala Trp Thr Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser  
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198 Gly Gly Gly Trp  
199 20  
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204 <212> TYPE: PRT  
205 <213> ORGANISM: Artificial  
207 <220> FEATURE:  
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209 affinity to the Tet repressor"  
211 <400> SEQUENCE: 11  
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214 1 5 10 15  
217 Gly Gly Cys Ser  
218 20  
221 <210> SEQ ID NO: 12  
222 <211> LENGTH: 20

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223 <212> TYPE: PRT  
224 <213> ORGANISM: Artificial  
226 <220> FEATURE:  
227 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
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230 <400> SEQUENCE: 12  
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236 Gly Gly Asp Ser  
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240 <210> SEQ ID NO: 13  
241 <211> LENGTH: 20  
242 <212> TYPE: PRT  
243 <213> ORGANISM: Artificial  
245 <220> FEATURE:  
246 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
247 affinity to the Tet repressor"  
249 <400> SEQUENCE: 13  
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255 Gly Gly Arg Ser  
256 20  
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261 <212> TYPE: PRT  
262 <213> ORGANISM: Artificial  
264 <220> FEATURE:  
265 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
266 affinity to the Tet repressor"  
268 <400> SEQUENCE: 14  
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274 Gly Gly Gly Ser  
275 20  
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280 <212> TYPE: PRT  
281 <213> ORGANISM: Artificial  
283 <220> FEATURE:  
284 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
285 affinity to the Tet repressor"  
287 <400> SEQUENCE: 15  
289 Ala Val Ser Tyr Thr His Leu Gly Gly Ala Gly Gly Ala Trp Thr Trp  
290 1 5 10 15  
293 Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Gly Ser  
294 20 25  
297 <210> SEQ ID NO: 16  
298 <211> LENGTH: 30  
299 <212> TYPE: PRT

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300 <213> ORGANISM: Artificial  
302 <220> FEATURE:  
303 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
304 affinity to the Tet repressor"  
306 <400> SEQUENCE: 16  
308 Ala Val Ser Tyr Thr His Leu Ser Gly Gly Ala Gly Gly Ala Trp Thr  
309 1 5 10 15  
312 Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Ser  
313 20 25 30  
316 <210> SEQ ID NO: 17  
317 <211> LENGTH: 30  
318 <212> TYPE: PRT  
319 <213> ORGANISM: Artificial  
321 <220> FEATURE:  
322 <223> OTHER INFORMATION: /note="Description of artificial sequence: polypeptides with  
323 affinity to the Tet repressor"  
325 <400> SEQUENCE: 17  
327 Leu Ser Leu Ile His Ile Ser Gly Gly Ala Ser Gly Gly Ala Trp Thr  
328 1 5 10 15  
331 Trp Asn Ala Tyr Ala Phe Ala Ala Pro Ser Gly Gly Ser  
332 20 25 30

RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 10/10/2006  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17

**VERIFICATION SUMMARY** DATE: 10/10/2006  
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Input Set : A:\PTO.KD.txt  
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L:10 M:270 C: Current Application Number differs, Replaced Current Application No  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date